

INTERNATIONAL SEARCH REPORT

Int. Application No.
PCT/IB2004/000699

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61M5/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/44661 A (ANTOLINI JUNIOR ANTONIO CARLOS ; PAIVA MARQUES JOSE LUIZ DE (BR)) 10 September 1999 (1999-09-10) abstract; claim 5 -----	1
A	US 5 019 046 A (KOHLER REINHARD) 28 May 1991 (1991-05-28) abstract -----	1
A	GB 2 187 961 A (MORLEY ROGER HUBERT; POWER RICHARD KITLEY) 23 September 1987 (1987-09-23) abstract -----	1
A	WO 83/00438 A (MERCANTILE & TECHNICAL PROMOTI) 17 February 1983 (1983-02-17) abstract ----- -/-	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

29 June 2004

Date of mailing of the International search report

06/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Nielsen, M

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB2004/000699

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 205 825 A (ALLISON ALAN C ET AL) 27 April 1993 (1993-04-27) abstract -----	1
A	US 5 021 047 A (MOVERN JOHN B) 4 June 1991 (1991-06-04) abstract -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int'l Application No

PCT/IB2004/000699

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9944661	A	10-09-1999	AU WO	6388498 A 9944661 A1	20-09-1999 10-09-1999
US 5019046	A	28-05-1991	DE AT DE EP	3901484 A1 92348 T 59002125 D1 0379223 A2	07-12-1989 15-08-1993 09-09-1993 25-07-1990
GB 2187961	A	23-09-1987	NONE		
WO 8300438	A	17-02-1983	WO AU EP JP NO	8300438 A1 7531081 A 0085043 A1 58501497 A 831123 A	17-02-1983 22-02-1983 10-08-1983 08-09-1983 28-03-1983
US 5205825	A	27-04-1993	AT CA DE DE DK EP ES WO	136798 T 2060177 A1 69026618 D1 69026618 T2 489750 T3 0489750 A1 2089021 T3 9101768 A1	15-05-1996 08-02-1991 23-05-1996 20-02-1997 26-08-1996 17-06-1992 01-10-1996 21-02-1991
US 5021047	A	04-06-1991	US	5183466 A	02-02-1993